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U. S. Department of Agriculture

SHENANDOAH NURSERIES

Shenandoah, Iowa

Spring
BULLETIN
No. 1



February 18th, 1950

ORDER TODAY

LONG DISTANCE PHONES

406 - 407

**A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 75 YEARS**

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, **PERENNIALS** (including **PEONIES** and **LILIES**).

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE**. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice-Pres.

R. S. MULLISON, Vice-Pres.

A. D. HUNT, Treas.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

										Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.										\$ 4 50	\$40 00	\$350 00
" " " 4 " " " 9/16 to 11/16 in.										4 00	35 00	300 00
" " " 3 " " " 7/16 to 9/16 in.										2 90	25 00	-----
" " " 2 " " " 5/16 to 7/16 in.										2 40	20 00	-----
										11/16-7/8"	9/16-11/16"	7/16-9/16" 5/16-7/16"
Anoka	-----	1000	600	-----	-----							
Baldwin	-----	200	170	50	-----							
Banana	-----	500	280	130	50							
Beacon	-----	550	450	200	100							
Blackben	-----	540	150	50	60							
Cortland	-----	800	300	140	-----							
Delicious Dark Red	-----	1400	300	100	-----							
Delicious Yellow	-----	4000	2000	1200	500							
Duchess	-----	350	550	300	300							
Duchess Dark Red	-----	700	800	500	120							
Early Harvest	-----	600	400	200	120							
Fameuse	-----	1000	600	250	100							
Florence	-----	10	90	70	30							
Gallia Beauty	-----	170	120	70	50							
Grimes Golden	-----	3000	900	150	250							
Haralson	-----	400	520	350	100							
Hibernal	-----	-----	750	400	200							
Hyslop	-----	-----	100	30	-----							
Ingram	-----	950	630	250	120							
Joan	-----	120	60	30	20							
Jonathan Dark Red	-----	700	1600	300	350							
Liveland	-----	200	130	90	65							
Lodi	-----	1100	350	120	150							
McIntosh Early	-----	1500	720	320	50							
McIntosh Dark Red	-----	1700	600	1200	100							
McIntosh Milton	-----	450	300	170	80							
Macoun	-----	190	170	100	50							
Maiden Blush	-----	350	190	130	90							
Melba	-----	400	250	150	100							
Minn. No. 790	-----	800	280	100	80							
Minjon	-----	1600	650	100	50							
Northern Spy Red	-----	50	700	600	250							
N. W. Greening	-----	1300	250	100	-----							
Prairie Spy	-----	1200	1000	250	300							
Red Astrachan	-----	180	200	140	80							
Red June	-----	120	470	220	150							
R. I. Greening	-----	200	60	50	50							
Roman Stem	-----	160	50	40	10							
Rome Beauty Red	-----	2000	900	350	100							
Sharon	-----	860	280	160	100							
Stayman Dark Red	-----	500	300	300	50							

APPLE and CRAB—(Continued)

	11/16-7/8"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Tolman Sweet	1100	400	150	140
Turley	600	500	400	50
Victory	1200	450	100	50
Virginia	1200	400	280	270
Wealthy	1800	1350	400	200
Whitney	2800	3200	1600	1750
Winesap	700	1150	670	210
Yellow Transparent	200	600	100	----

APPLE—One Year, Mostly Whips

	Per 10	Per 100	Per 1000
4 to 5 ft.	\$ 3 20	\$ 28 00	\$250 00
3 to 4 ft.	2 50	22 50	200 00
2 to 3 ft.	2 10	18 00	150 00
	4/5'	3/4'	2/3'
Baldwin	160	320	100
Cortland	20	350	90
Delicious Dark Red	400	580	140
Delicious Yellow	90	320	150
Dolgo	----	40	490
Duchess	----	300	700
Hibernal	----	190	320
Jonathan Dark Red	----	400	650
Lodi	20	420	220
Red Rome Beauty	----	----	150
Stayman Dark Red	240	270	50

CHERRY—Sour, Two Year

(On Mahaleb)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

				Per 10	Per 100	Per 1000		
4	ft. and up,	11/16 in. and up		\$ 8 50	\$80 00	\$750 00		
3½	" " "	9/16 to 11/16 in.		7 50	70 00	650 00		
3	" " "	7/16 to 9/16 in.		6 50	60 00	-----		
2	" " "	5/16 to 7/16 in.		5 00	45 00	-----		
5	" " "	1 in. and up (Extra Heavy)		10 00	90 00	850 00		
				1" & up	11/16"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Early Richmond				2400	1900	1900	850	350
English Morello					600	650	300	100
Montmorency				3700	4650	4450	2600	600
Wragg					1500	960	400	140

CHERRY—Sour, One Year

(On Mahaleb)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

		Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 in. and up		\$ 8 50	\$80 00	\$750 00
3 " " " 9/16 to 11/16 in.		7 50	70 00	650 00
2½ " " " 7/16 to 9/16 in.		6 50	60 00	-----
2 " " " 5/16 to 7/16 in.		5 00	45 00	-----
	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Early Richmond	2350	890	680	----
English Morello	90	560	1360	500
Montmorency				200
Early Richmond (On Mazzard)	250	220	320	220

CHERRY—Sweet, One Year

(On Mahaleb)

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, branched & whips	-----	\$11 00	\$100 00	\$900 00
4 " " " 9/16 to 11/16 in. " " "	-----	9 00	85 00	800 00
3 " " " 7/16 to 9/16 in. " " "	-----	7 50	70 00	650 00
2 " " " 5/16 to 7/16 in., mostly whips	-----	6 00	55 00	500 00

	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Bing	150	250	-----	-----
Black Republican	-----	350	250	100
Kansas Sweet	-----	300	350	70
Lambert	350	600	250	200
Napoleon	-----	350	280	100
Yellow Glass	600	1200	700	450

BUDED

NANKING CHERRY

TOMENTOSA, Orient Cherry Minn. (63)

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

	Per 10	Per 100	Per 1000
30 3 to 4 ft.	\$ 6 50	\$60 00	\$-----
150 4 to 5 ft.	8 00	75 00	-----
480 5 to 6 ft.	10 00	90 00	550 00

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
500 2 to 3 ft. transplants	\$ 2 90	\$25 00	\$220 00
360 18 to 24 in. "	2 40	20 00	180 00

PEAR STANDARD

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
Two year, 4½ ft. and up, 11/16 to 1 in.	\$ 7 00	\$65 00	\$600 00
" " 4 " " " 9/16 to 11/16 in.	5 50	50 00	450 00
" " 3 " " " 7/16 to 9/16 in.	4 00	35 00	-----
" " 2 " " " 5/16 to 7/16 in.	3 00	25 00	-----

	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Anjou	60	190	90	-----
Bantam	60	600	760	300
Bartlett	160	540	80	-----
Clapp's Favorite	300	220	50	-----
Douglas	290	850	300	-----
Duchess	-----	290	40	-----
Flemish Beauty	230	720	700	200
Gorham	-----	-----	40	130
Kieffer	-----	520	270	-----
Lincoln	150	550	340	120
Mendel	-----	650	540	50
Parker	40	860	440	120
Patten	-----	500	260	40
Seckel	-----	800	650	100

PEAR WHIPS

	Per 10	Per 100	Per 1000
One year, 5 to 6 ft., whips	\$ 5 50	\$50 00	\$-----
" " 4 to 5 ft., "	4 50	40 00	-----
" " 3 to 4 ft., "	3 50	30 00	270 00
" " 2 to 3 ft., "	2 40	20 00	-----
	5/6'	4/5'	3/4'
Bartlett	30	230	600
Douglas		260	1000
Kieffer		20	150
Seckel		20	50
			20

PEACH—One Year

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.	\$ 5 00	\$45 00	\$400 00
4 " " " 9/16 to 11/16 in.	4 50	40 00	350 00
3 " " " 7/16 to 9/16 in.	3 20	28 00	-----
2 " " " 5/16 to 7/16 in.	2 10	18 00	-----
5 " " " 1 in. and up	5 50	50 00	-----
	1" & up	11/16-1"	9/16-11/16"
Belle of Georgia	80	80	90
Champion	400	150	90
Elberta	60	50	850
Golden Jubilee		100	300
Halberta		60	140
Hale Haven	240	140	800
J. H. Hale	30	480	190
Mayflower		300	200
Polly		340	420
Red Haven	230	80	700
Rochester	160	140	90
South Haven	150	30	200
Valiant		40	90
			190
			70

APRICOT—One Year

(On Peach Roots)

	Per 10	Per 100	Per 1000
4 ft. and up, 9/16 to 11/16 in.	\$ 6 50	\$60 00	\$-----
3 " " " 7/16 to 9/16 in.	5 00	45 00	400 00
2 " " " 5/16 to 7/16 in.	4 00	35 00	300 00
	9/16-11/16"	7/16-9/16"	5/16-7/16"
Chinese		500	670
Manchu	290	1090	1150
Scout	100	450	850
Superb	50	1300	2000
Wenatchee Moorpark		300	20

APRICOT—TREES

Grown from selected seed secured from bearing orchards.

	Per 10	Per 100	Per 1000
970 One Year, 11/16 in. and up, 4½ feet and up	\$ 5 00	\$45 00	\$400 00
1000 " " 9/16 to 11/16 in., 4 feet and up	4 00	35 00	300 00
1350 " " 7/16 to 9/16 in., 3 feet and up	2 90	25 00	220 00
600 " " 5/16 to 7/16 in., 2 feet and up	2 10	18 00	150 00

NECTARINES

	Per 10	Per 100	Per 1000
One Year, 4½ ft. and up, 11/16 to 1 in.	\$ 7 50	\$ 70 00	
" " 4 " " " 9/16 to 11/16 in.	6 00	55 00	
" " 3 " " " 7/16 to 9/16 in.	5 00	45 00	
" " 2 " " " 5/16 to 7/16 in.	3 50	30 00	
	11/16-1"	9/16-11/16"	7/16-9/16"
Hunter	370	230	290
Surecrop	240	250	390
			140
			200

PLUM—One and Two Year
EUROPEAN and JAPANESE
 (On Myrobolan)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up.....	\$ 7 00	\$65 00	\$600 00
4 " " " 9/16 to 11/16 in.....	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.....	4 00	35 00	300 00
2 " " " 5/16 to 7/16 in.....	3 50	30 00	250 00

	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Blue Damson	260			
Fellenburg	450	700	500	
German Prune		320	60	
Green Gage	650	700	200	
Italian Prune	540	1000	670	
Lombard	390	130	60	50
Red June	120	100		
Reine Claude	750	500	150	50
Shropshire Damson	1200	1000		150
Stanley Prune	970	1200	650	
Yellow Egg	650	250	240	90

PLUM—One Year
AMERICAN and HARDY HYBRIDS
 (On Peach Roots)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.....	\$ 7 00	\$65 00	\$600 00
4 " " " 9/16 to 11/16 in.....	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.....	4 00	35 00	300 00
2 " " " 5/16 to 7/16 in.....	3 50	30 00	250 00

	11/16" & up	9/16-11/16"	7/16-9/16"	5/16-7/16"
Ember	300	200	100	
Hanska		30	190	130
Kahinta	390	700	620	100
Opata		130	490	190

PLUM—One Year
AMERICAN and HARDY HYBRIDS
 (On Native Roots)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.....	\$ 7 00	\$65 00	\$600 00
4 " " " 9/16 to 11/16 in.....	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.....	4 00	35 00	300 00
2 " " " 5/16 to 7/16 in.....	3 50	30 00	250 00

	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Compass	130	300	400	300
Ember	680	340	150	30
Hanska	70	400	400	130
Kaga		100	140	100
Kahinta	900	1100	900	200
Oka		150	260	600
Omaha	50	200	100	40
Opata		450	290	230
Red Coat	270	130	30	
Sapa	90	590	500	130
Superior	400	470	200	70
Terry	50	100	110	50
Toka	670	730	400	100
Underwood	200	550	260	30
Waneta		450	240	70

CURRENTS

Tied, No. 1, 25; No. 2, 50 per Bundle.

		Per 100	Per 1000
1000	Cherry, dark red, 2 Yr. No. 1	\$ 14 00	\$125 00
500	" " " 2 Yr. No. 2	10 00	85 00
800	Fay's Prolific, dark red, 2 Yr. No. 1	14 00	125 00
450	" " " 2 Yr. No. 2	10 00	85 00
750	Perfection, bright red, 2 Yr. No. 1	16 00	140 00
500	" " " 2 Yr. No. 2	12 00	100 00
	Red Lake, the light red berries are large in long clusters; thrifty and extremely productive.		
2000	2 Year, No. 1	18 00	160 00
1100	2 Year, No. 2	14 00	125 00
1000	Wilder, dark red, 2 Yr. No. 1	14 00	125 00
500	" " " 2 Yr. No. 2	10 00	85 00

GOOSEBERRIES

Tied 25 per Bundle.

		Per 100	Per 1000
	Champion, a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale-green.		
300	2 Yr. No. 1	\$ 22 00	\$200 00
250	2 Yr. No. 2 or 1 Yr. No. 1	18 00	160 00
200	Downing, pale green, 2 yr. No. 1	25 00	220 00
450	" " " 2 yr. No. 2 or 1 yr. No. 1	20 00	180 00
500	Houghton, dark red, 2 yr. No. 1	20 00	180 00
250	" " " 2 yr. No. 2 or 1 yr. No. 1	18 00	150 00
	Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.		
300	2 Yr. No. 2 or 1 Yr. No. 1	29 00	250 00

RASPBERRIES

Tied 25 per Bundle.

		Per 100	Per 1000
	Chief, a Latham seedling, finest early red; heavy producer.		
1500	No. 1 Suckers	\$ 5 60	\$ 50 00
	Cumberland, most widely planted black-cap Raspberry.		
7500	Tips	5 00	45 00
400	Transplants	8 50	75 00
	Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality.		
3500	1 Yr. No. 1 Suckers	6 50	60 00
	Latham, a large, productive red variety, always in demand.		
2500	No. 1	5 60	50 00
	Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
1000	Tips	6 50	60 00
	Sodus, a new very large drought-resistant purple Raspberry; possibly most productive of all Raspberries.		
3500	1 Yr. No. 1 Tips	6 50	60 00

GRAPE VINES

Tied, 2 Yr. No. 1, 50; 2 Yr. No. 2, 100 per Bundle

		Per 100	Per 1000
500	Agawam, red, 2 Yr. No. 1	\$ 14 00	\$125 00
350	" " 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
600	Beta, black, 2 Yr. No. 1	14 00	125 00
700	" " 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
	Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
300	2 Yr. No. 1	18 00	-----
800	2 Yr. No. 2 or 1 Yr. No. 1	14 00	-----

GRAPE VINES—(Continued)

		Per 100	Per 1000
6900	Concord, black 2 Yr. No. 1	\$ 12 00	\$100 00
1400	" " 2 Yr. No. 2 or 1 Yr. No. 1	8 00	75 00
300	Delaware, red, 2 Yr. No. 1	18 00	150 00
1250	" " 2 Yr. No. 2 or 1 Yr. No. 1	14 00	120 00
	Fredonia , earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
900	2 Yr. No. 1	14 00	125 00
3000	2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
250	Moore's Early, black, 2 Yr. No. 1	16 00	140 00
1000	" " 2 Yr. No. 2 or 1 Yr. No. 1	13 00	110 00
400	Niagara, white, 2 Yr. No. 1	14 00	125 00
1500	" " 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
100	Portland, 2 Yr. No. 1	20 00	180 00
350	" 2 Yr. No. 2 or 1 Yr. No. 1	16 00	140 00
	Sheridan , black. Ripens one week later than Concord; better flavor; an excellent keeper.		
250	2 Yr. No. 1	22 00	-----
150	2 Yr. No. 2 or 1 Yr. No. 1	16 00	-----

BLACKBERRIES

Tied 25 per Bundle

		Per 100	Per 1000
4000	Alfred, No. 1	\$ 5 00	\$ 45 00
1900	Ancient Britton, No. 1	5 00	45 00
2600	" " No. 2	4 00	35 00
700	Blowers, No. 1	5 00	45 00
800	" No. 2	4 00	35 00
500	Early Harvest, No. 1	5 00	45 00
1000	" " No. 2	4 00	35 00
300	Eldorado, No. 1	5 00	45 00
400	" No. 2	4 00	35 00
700	Snyder, No. 1	5 00	45 00

MISCELLANEOUS

		Per 100	Per 1000
10000	Asparagus, Conover's Washington Palmetto, 2 Yr. No. 1	\$ 1 90	\$ 16 00
15000	" " " " 1 Yr. No. 1	1 20	10 00
3000	" " " " 3 Yr. No. 1	2 90	25 00
	Asparagus, Paradise , a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
15000	2 Yr. No. 1	1 90	16 00
10000	1 Yr. No. 1	1 20	10 00
4000	3 Yr. No. 1	2 90	25 00
5000	Boysenberry, Tip plants	5 50	50 00
4000	Boysenberry, Thornless, Tip plants	6 50	60 00
2500	Dewberry, Lucretia, R. C. Plants, No. 1	4 50	40 00
6000	" " " " " 2	3 50	30 00
1000	Horse Radish, Crowns	6 00	50 00
3000	" " Cuttings	2 90	25 00
1000	Rhubarb, Victoria, Whole Roots, 2 Yr. 1½ in. and up	7 50	65 00
750	" " " " " 1 to 1½ in.	5 00	45 00
2500	" " " " " 1 Yr. 5/8 to 1 in.	4 00	35 00
5000	" " " " " ½ to 5/8 in.	2 90	25 00
2500	" " " " " 3/8 to ½ in.	2 50	20 00
		Per 10	Per 100
300	Rhubarb, Chipman Red, sweet and of excellent flavor; stems dark red throughout.	\$ 4 50	\$ 40 00
500	Rhubarb, McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	3 30	28 00
300	Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.	3 30	28 00

FRUIT TREE SEEDLINGS — American Grown

Our fruit tree seedlings are grown in Washington and Oregon where weather conditions are ideal. They are dug only when well ripened, and carefully graded by experienced graders. We are sure you will be pleased with them.

—Please write for special prices on quantity lots.—

		Per 100	Per 1000
APPLE SEEDLINGS, Western grown			
20000	No. 2, 2/16 to 3/16 in., branched.....	\$ 2 10	\$ 18 00
CHERRY MAHALEB, Western grown			
25000	No. 2, 2/16 to 3/16 in.....	2 40	20 00
PEAR BARTLETT, Western grown			
15000	No 2, 2/16 to 3/16 in., branched	2 40	20 00
PLUM MYROBOLAN, Western grown			
3000	1/4 in. and up.....	3 20	28 00
1000	No. 2, 2/16 to 3/16 in.....	2 40	20 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

ASH, GREEN (*Fraxinus pennsylvanica lanceolata*)

		Per 100	Per 1000
900	12 to 18 in.....	\$ 1 80	\$ 15 00
1300	18 to 24 in.....	2 50	22 00
800	2 to 3 ft.....	3 20	28 00
2000	3 to 4 ft.....	4 50	40 00
1600	4 to 5 ft.....	6 50	60 00
100	5 to 6 ft.....	9 00	80 00

BOXELDER, (*Acer negundo*)

1300	6 to 12 in.....	1 20	10 00
3300	12 to 18 in.....	1 90	16 00
2600	18 to 24 in.....	2 60	22 00

CARAGANA arborescens (Siberian Pea tree)

250	6 to 12 in.....	2 10	18 00
950	12 to 18 in.....	3 20	28 00
250	18 to 24 in.....	5 00	40 00

CATALPA, Western

1200	6 to 12 in.....	90	8 00
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ELM, American (*Ulmus americana*)

7700	6 to 12 in.....	80	7 00
12000	12 to 18 in.....	1 40	12 00
500	2 to 3 ft.....	2 60	22 00
1000	3 to 4 ft.....	3 70	32 00
2000	4 to 5 ft.....	5 60	50 00
750	5 to 6 ft.....	9 00	80 00
750	6 to 8 ft.....	14 00	110 00

ELM, Chinese (*Ulmus pumila*)

8000	6 to 12 in.....	90	8 00
100000	12 to 18 in.....	1 70	14 00
12400	18 to 24 in.....	2 40	20 00
33000	2 to 3 ft.....	3 50	30 00
12600	3 to 4 ft.....	5 00	45 00
900	4 to 5 ft.....	8 00	70 00

HACKBERRY, (*Celtis occidentalis*)

800	18 to 24 in.....	3 50	30 00
300	2 to 3 ft.....	4 50	40 00

FOREST TREE SEEDLINGS—(Continued)

		Per 100	Per 1000
LOCUST, Black (<i>Robinia pseudoacacia</i>)			
2800	12 to 18 in.	\$ 1 40	\$ 12 00
850	18 to 24 in.	2 10	18 00
7200	2 to 3 ft.	2 90	25 00
2300	3 to 4 ft.	4 50	40 00
MAPLE, Silver (<i>Acer dasycarpum</i>)			
18500	6 to 12 in.	1 20	10 00
26700	12 to 18 in.	1 80	15 00
3000	18 to 24 in.	2 90	25 00
2100	2 to 3 ft.	4 50	40 00
MULBERRY, Russian (<i>Morus tatarica</i>)			
4500	6 to 12 in.	1 20	10 00
OLIVE, Russian (<i>Elaeagnus angustifolia</i>)			
1700	6 to 12 in.	2 10	18 00
7000	12 to 18 in.	3 20	28 00
7000	18 to 24 in.	4 50	40 00
1700	2 to 3 ft.	6 50	60 00
WALNUT, Black (<i>Juglans nigra</i>)			
900	18 to 24 in.	4 50	40 00
550	2 to 3 ft.	6 00	55 00
900	3 to 4 ft.	9 00	80 00
1900	4 to 5 ft.	12 00	100 00
1400	5 to 6 ft.	15 00	120 00
1200	6 to 8 ft.	18 00	150 00

ONE YEAR FROM CUTTINGS

POPLAR (*Populus*)**Carolina and Norway**

100	2 to 3 ft., whips	4 50	40 00
100	3 to 4 ft., "	7 00	60 00
200	4 to 5 ft., whips and lightly branched	8 50	75 00
900	5 to 6 ft., " " " "	10 00	90 00
700	6 to 8 ft., " " " "	13 00	110 00

Simoni (Chinese Lombardy)

300	3 to 4 ft., whips	8 50	75 00
900	4 to 5 ft., "	10 00	90 00
600	5 to 6 ft., "	14 00	120 00

Lombardy and Volga

1100	18 to 24 in., whips	4 00	35 00
1500	2 to 3 ft., "	5 60	50 00
150	3 to 4 ft., "	8 50	75 00
3500	4 to 5 ft., "	10 00	90 00

WILLOW (*Salix*)**Golden**

1600	12 to 18 in.	1 80	15 00
200	18 to 24 in.	2 60	22 00
150	2 to 3 ft.	4 00	35 00

Niobe (Golden Weeping)

450	12 to 18 in.	2 90	25 00
1000	18 to 24 in.	4 00	35 00
450	2 to 3 ft.	5 50	50 00

Pussy (discolor)

450	12 to 18 in.	2 40	20 00
900	18 to 24 in.	4 00	35 00
3200	2 to 3 ft.	5 60	50 00

Wisconsin (*blanda*)

650	3 to 4 ft.	7 00	60 00
850	4 to 5 ft.	8 50	75 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.

All calipers are taken 6 inches above the collar.

CATALPA

bungei (Manchurian) 10-12 ft.		Per 10	Per 100
Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.			
50	1 year heads, 4 to 5 ft. stems.....	\$11 00	\$100 00
370	2 year heads, 4 to 5 ft. stems.....	13 50	125 00
290	2 year heads, 5 to 6 ft. stems.....	16 50	150 00

CRAB, Flowering (Malus)**Hopa (Red Flowering Crab) 20-25 ft. April-May.**

One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

700	2 to 3 ft., whips.....	2 90	25 00
240	3 to 4 ft., ".....	4 00	35 00
100	4 to 5 ft., ".....	5 50	50 00
680	2 to 3 ft., branched.....	4 00	35 00
190	3 to 4 ft., ".....	5 00	45 00
80	4 to 5 ft., ".....	6 50	60 00
150	5 to 6 ft., ".....	8 00	75 00
160	6 to 8 ft., ".....	10 00	90 00

CRAB, FLOWERING (MALUS)**Atrosanguinea Carmine Crab. 15-20 ft.**

Brilliant single carmine flowers and purplish-bronze foliage. Resembling wild rose, followed by scarlet fruit.

20	3 to 4 ft.....	6 50	-----
50	4 to 5 ft.....	8 00	75 00
10	5 to 6 ft.....	11 00	-----

niedzwetzkyana (Redvein Crab)

Large deep pink flowers; red bark, leaves and fruit.

150	2 to 3 ft.....	5 00	45 00
150	3 to 4 ft.....	6 50	60 00
70	4 to 5 ft.....	8 00	75 00

parkmanni 18-20 ft. April-May.

Dwarf with long-stemmed semi-double flowers of deep rose.

30	2 to 3 ft.....	5 00	45 00
100	3 to 4 ft.....	6 50	60 00
40	4 to 5 ft.....	8 00	75 00

Red Silver. 25-30 ft.

Cut-leaved, maroon red and silver foliage, bright red fruit.

60	2 to 3 ft.....	5 00	45 00
140	3 to 4 ft.....	6 50	60 00
160	4 to 5 ft.....	8 00	75 00
290	5 to 6 ft.....	11 00	100 00

ELM**American White (americana) 60-100 ft.**

A stately, massive tree that affords ample shade and shelter.

280	4 to 5 ft.....	3 50	30 00
140	5 to 6 ft.....	5 50	50 00

Moline 80-100 ft.

Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.

100	8 to 10 ft.....	16 50	150 00
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ORNAMENTAL and SHADE TREES—(Continued)**MAPLE (Acer)****Schwedleri (Purple Leaf Maple) 40-50 ft.**

Per 10 Per 100

A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer and in Autumn golden yellow.

200	4 to 5 ft., whips.....	\$ 9 00	\$ 85 00
30	6 to 8 ft., branched.....	25 00	225 00

Sugar or Hard (saccharum) 50-70 ft.

One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.

90	8 to 10 ft.....	25 00	225 00
25	2 to 2½ in.....	47 50	-----

OAK (QUERCUS)**Pin (palustris) 70-80 ft.**

A broadly pyramidal tree; the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.

80	5 to 6 ft.....	16 50	150 00
120	6 to 8 ft.....	22 00	200 00
60	2 to 2½ in.....	55 00	500 00
90	2½ to 3 in.....	65 00	600 00

Red (rubra) 60-80 ft.

A monarch in the tree world. Heavy, shiny, deep green leaves turning crimson in Fall.

100	8 to 10 ft.....	30 00	275 00
110	1½ to 2 in.....	42 50	375 00
20	2 to 2½ in.....	50 00	-----
20	2½ to 3 in.....	60 00	-----

MULBERRY (MORUS)**Russian (alba tatarica) 50-60 ft.**

Small light green leaves; greenish-yellow bark. Fruit varies from white to deep violet, very sweet. A very hardy native tree.

Per 10 Per 100 Per 1000

1250	4 to 5 ft., branched.....	\$ 2 90	\$25 00	\$220 00
1300	5 to 6 ft., ".....	4 00	35 00	300 00
100	6 to 8 ft., ".....	6 50	60 00	-----

POPLAR (populus)**bolleana 60-80 ft.**

Leaves are glossy green above, silvery beneath. A favorite with landscape gardeners to break the outline of most other trees.

Per 10 Per 100

50	5 to 6 ft.....	\$ 6 50	\$ 60 00
50	6 to 8 ft.....	11 00	100 00

Lombardy 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

Per 10 Per 100 Per 1000

750	5 to 6 ft., low-branched.....	\$ 3 20	\$28 00	\$-----
550	6 to 8 ft., " ".....	4 50	40 00	-----
3000	8 to 10 ft., " ".....	6 00	55 00	500 00
2000	1¼ to 1½ in. " ".....	7 00	65 00	600 00

ORNAMENTAL and SHADE TREES—(Continued)

PRUNUS (PLUM) Tree and bush forms.

cistena (Hansen's Purple-leaved Plum) (Bush Form)

Rich purplish foliage; reddish-brown branches. Very hardy.
(On plum roots) 4-5 ft.

		Per 10	Per 100
180	18 to 24 in.	\$ 5 50	\$ 50 00
310	2 to 3 ft.	7 00	65 00
80	3 to 4 ft.	8 50	80 00
(On peach roots) 4-5 ft.			
240	12 to 18 in.	2 90	25 00
60	18 to 24 in.	4 50	40 00
260	2 to 3 ft.	6 00	55 00

Newport (Purple-leaved Plum) (Tree Form) (On peach roots) 15-18 ft.

A large shrub with upright growth; purplish-red foliage. Hardy.

		Per 10	Per 100	Per 1000
110	18 to 24 in.	\$ 4 50	\$40 00	\$.-----
700	2 to 3 ft.	6 00	55 00	500 00
400	3 to 4 ft.	7 50	70 00	650 00

Persica (Flowering Peach on peach roots) (Tree form) 15-18 ft.

2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00
4 to 5 ft.	7 50	70 00	650 00
5 to 6 ft.	9 00	85 00	800 00

	2/3'	3/4'	4/5'	5/6'
Cardinal, Double red.	270	600	570	950
Iceberg, Snow-white.	250	470	360	140
Peppermint Stick, Bicolor, red and white.	---	70	170	140
Pink Charming, Double pink.	670	850	770	550

pissardi rosea (On peach roots) 10 ft.

Deep bronzy purple foliage, holding its deep purplish red shade, almost black throughout the summer. Completely covered with pink single flowers in spring. A new introduction recently imported from England.

		Per 10	Per 100	Per 1000
30	18 to 24 in.	\$ 7 00	\$65 00	\$.-----
170	2 to 3 ft.	8 50	80 00	-----
80	3 to 4 ft.	11 00	100 00	-----

pissardi veitchi (On peach roots) 15 ft.

Completely covered in early spring with large clusters of double pink blooms similar to flowering cherry. Bronze colored foliage. Very hardy.

70	18 to 24 in.	7 00	65 00	-----
430	2 to 3 ft.	8 50	80 00	750 00
360	3 to 4 ft.	11 00	100 00	900 00
30	4 to 5 ft.	13 00	120 00	-----

tomentosa, Orient Cherry (#63) (On plum roots)

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

30	3 to 4 ft.	6 50	60 00	-----
150	4 to 5 ft.	8 00	75 00	-----
480	5 to 6 ft.	10 00	90 00	850 00

ORNAMENTAL and SHADE TREES—(Continued)

PRUNUS (PLUM) Tree and Bush forms—(Continued)

triloba (Double Flowering Plum) 8-10 ft.

Per 10 Per 100 Per 1000

Known also as the "Rose Tree of China." One of the finest shrubs; completely covered with pink rose-like flowers in April and May.

(On Plum roots)

160	12 to 18 in.	\$ 4 00	\$ 35 00	\$-----
600	18 to 24 in.	5 50	50 00	450 00
890	2 to 3 ft.	7 00	65 00	600 00

(On Peach roots)

370	12 to 18 in.	2 90	25 00	220 00
870	18 to 24 in.	4 50	40 00	350 00
1700	2 to 3 ft.	6 00	55 00	500 00

RED BUD (Cercis canadensis) 20-30 ft.

Produces an abundance of reddish-pink flowers in early Spring; forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

1700	18 to 24 in.	4 00	35 00	300 00
990	2 to 3 ft.	5 50	50 00	450 00

WILLOW (Salix)

babylonica 40-50 ft.

A large graceful Willow; bright green foliage, long wavy branches.

700	2 to 3 ft.	2 40	20 00	180 00
400	3 to 4 ft.	2 90	25 00	220 00
550	4 to 5 ft.	4 00	35 00	300 00
600	5 to 6 ft.	6 50	60 00	550 00

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

100	2 to 3 ft.	2 40	20 00	-----
800	3 to 4 ft.	2 90	25 00	220 00
2000	4 to 5 ft.	4 00	35 00	300 00
2200	5 to 6 ft.	6 50	60 00	550 00

Pussy (discolor) 20-25 ft.

Very popular for its gray catkins in early Spring. Small, narrow leaves.

400	2 to 3 ft.	3 50	30 00	270 00
1000	3 to 4 ft.	4 50	40 00	350 00
600	4 to 5 ft.	6 50	60 00	550 00
320	5 to 6 ft.	10 00	90 00	800 00

Wisconsin (blanda) 30-40 ft.

The popular green barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.

350	2 to 3 ft.	2 40	20 00	180 00
170	3 to 4 ft.	2 90	25 00	-----
1400	4 to 5 ft.	4 00	35 00	300 00
2000	5 to 6 ft.	6 50	60 00	550 00
270	6 to 8 ft.	10 00	90 00	-----
50	8 to 10 ft.	12 00	110 00	-----

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ABELIA

Per 10 Per 100 Per 1000

Grandiflora

A broadleaved evergreen shrub, glossy green leaves on purplish-red stems. Pinkish white trumpet shaped flowers during the summer. Not hardy in northern areas.

450	12 to 18 in.	-----	\$2 90	\$ 25 00	\$-----
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ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

1200	12 to 18 in.	-----	2 90	25 00	200 00
80	18 to 24 in.	-----	4 00	35 00	-----
450	3 to 4 ft.	-----	6 00	55 00	-----

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

—Write for Special Prices On Quantity Lots—

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	-----	1 10	9 00	80 00
18 to 24 in.	-----	1 80	15 00	125 00
2 to 3 ft.	-----	2 40	20 00	175 00
3 to 4 ft.	-----	2 90	25 00	225 00

		12/18"	18/24"	2/3'	3/4'
Anemoneflorus, double bright pink	700	1000	-----	50	
Boule de Feu, double purplish-red	700	7500	4200	2500	
Lucy, very double red	2200	2150	1000	1150	
Purpurea Semi-Plena, semi-double clear purple	150	200	400	-----	
Totus Albus, single white	720	2500	400	500	

BARBERRY (BERBERIS)

Red Leaved Japanese (thunbergi atropurpurea)

Warm bronzy-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

		Per 10	Per 100	Per 1000
50	9 to 12 in.	-----	1 90	16 00
70	12 to 15 in.	-----	2 40	20 00
850	15 to 18 in.	-----	3 20	28 00
1400	18 to 24 in.	-----	4 00	35 00

thunbergi 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers, brilliant fall foliage followed by scarlet berries in winter.

100	12 to 15 in.	-----	1 80	15 00	120 00
400	15 to 18 in.	-----	2 20	19 00	160 00
700	18 to 24 in.	-----	2 50	22 00	200 00
2500	2 to 2½ ft.	-----	3 50	30 00	270 00

TRUE HEDGE COLUMNBERRY (thunbergi erecta) Plant Patent No. 110. 4-5 ft.

Need not be pruned; extremely formal in shape, more dense, more upright and more richly foliated than Thunbergi.

			Retail Resale Price			Wholesale Prices Net			
			Each	Per 5	Per 25	Per 100	Per 10	Per 100	Per 1000
400	18 to 24 in.	-----	\$ 90	\$3 50	\$15 00	\$55 00	\$4 50	\$37 00	\$340 00
600	2 to 2½ ft.	-----	1 10	4 25	18 75	70 00	5 50	45 00	420 00

ORNAMENTAL SHRUBS—(Continued)**BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.****Dubonnet, 4-5 ft.**

The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

		Per 10	Per 100	Per 1000
300	No. 1	2 90	25 00	-----

Farquhar, 5-6 ft.

Lavender pink flowers with orange center; fragrant.

580	No. 1	\$ 2 90	\$ 25 00	\$-----
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Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Bloom profusely.

600	No. 1	2 90	25 00	-----
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BUTTERFLY BUSH (BUDDLEIA) Newest Varieties.

Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

320	No. 1	3 20	28 00	-----
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Hartwegi, 4-5 ft. Flowers bright lavender, foliage dark green. Compact.

380	No. 1	3 20	28 00	-----
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Red Glory. A distinctly red Buddleia. Blooms over a long period. Dark green foliage.

250	No. 1	3 20	28 00	-----
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PATENTED BUDDLEIA**EMPIRE BLUE**

Patent No. 557

An incomparable blue Buddleia. A delightful shade of blue combining an Aster blue with delicate lilac tone.

		Per 10	Per 100	Per 1000
250	Medium. Dormant, field grown plants.	\$ 2 90	\$25 00	\$-----

(Retail 75¢ each, \$7.50 per doz.)

WHITE PROFUSION

Patent No. 786

A new dwarf Buddleia, growing not over 3 feet tall and about the same in diameter. Forms a green mound literally covered with a hundred or more short-stemmed flower spikes of pure white. Blooms from early August until October. Perfect for perennial border.

		Per 10	Per 100	Per 1000
570	Medium. Dormant, field grown plants.	\$ 4 00	\$35 00	\$-----

(Retail \$1.00 each, \$8.50 per doz.)

CEPHALANTHUS occidentalis (Button Bush) July. 5-6 ft.

A showy native shrub, particularly desirable in damp soils. Clean glossy foliage and spherical balls of small white flowers.

		Per 10	Per 100	Per 1000
100	12 to 18 in.	\$ 2 10	\$18 00	\$-----
120	18 to 24 in.	2 90	25 00	-----
250	2 to 3 ft.	4 00	35 00	-----
100	3 to 4 ft.	5 00	45 00	-----

CORNUS (DOGWOOD)

alba siberica (Coral Dogwood) April-May. 8-10 ft.

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

500	12 to 18 in.	2 10	18 00	160 00
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Florida (White Flowering Dogwood) July. 12-15 ft.

Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.

200	2 to 3 ft.	11 00	100 00	-----
450	3 to 4 ft.	14 00	125 00	-----

ORNAMENTAL SHRUBS—(Continued)

CORNUS (DOGWOOD)—(Continued)

Per 10 Per 100 Per 1000

Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.

Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.

90	18 to 24 in.	Bare root.....	\$14 00	\$125 00	\$-----
250	2 to 3 ft.	Wrapped in moss and burlap.....	22 00	200 00	-----
450	3 to 4 ft.	" " " " " ".....	35 00	325 00	-----

stolonifera lutea (Gold Twig Dogwood) 6-8 ft.

A striking yellow-branched form of Stolonifera; of high decorative value.

40	3 to 4 ft.	-----	5 00	45 00	-----
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CRANBERRY, Highbush (See Viburnum)

CREPE MYRTLE (Lagerstroemias Indica) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

18 to 24 in.	-----	2 90	25 00	-----
2 to 3 ft.	-----	3 50	30 00	-----
3 to 4 ft.	-----	4 50	40 00	-----
		18/24"	2/3'	3/4'
Pink	-----	40	20	
Purple	-----		80	30
Watermelon Red	-----	600	850	50
White	-----	80	80	20

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

japonica (Japanese Flowering Quince) March-April 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

		Per 10	Per 100	Per 1000
400	12 to 18 in.	\$ 2 40	\$ 20 00	\$-----
50	18 to 24 in.	3 20	28 00	-----
300	2 to 3 ft.	4 00	35 00	-----

japonica rubra (True Red Flowering Quince) March-April 5-6 ft.

An improved strain which produces true bright red flowers. A distinct improvement on the common japonica. Non-fruiting.

		Per 10	Per 100	Per 1000
200	12 to 18 in.	\$ 3 50	\$30 00	\$-----
70	18 to 24 in.	4 00	35 00	-----
800	2 to 3 ft.	5 00	45 00	-----

DEUTZIA

Pride of Rochester. May. 8-10 ft.

Per 10 Per 100 Per 1000

A tall, broad-topped bush, double white flowers tinged pink.

350	2 to 3 ft.	\$ 3 20	\$ 28 00	\$250 00
40	3 to 4 ft.	4 50	40 00	-----

ELDER (SAMBUCUS)

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy, rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

1500	12 to 18 in.	2 10	18 00	-----
500	18 to 24 in.	2 90	25 00	-----

FORSYTHIA (GOLDEN BELL)

fortunei (Fortune Forsythia) April. 6-8 ft.

A large, upright shrub with slightly drooping branches, golden yellow flowers.

100	12 to 18 in.	2 10	18 00	160 00
1000	18 to 24 in.	2 90	25 00	220 00
100	2 to 3 ft.	4 00	35 00	300 00
600	3 to 4 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—(Continued)

FORSYTHIA (GOLDEN BELL)—(Continued)

Per 10 Per 100 Per 1000

intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

Hardest of all Forsythias. Very profuse bloomer; rich yellow flowers.

700	12 to 18 in.	\$ 2 10	\$ 18 00	\$160 00
250	18 to 24 in.	2 90	25 00	220 00
500	2 to 3 ft.	4 00	35 00	300 00
80	3 to 4 ft.	5 00	45 00	400 00

Suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

1050	12 to 18 in.	2 10	18 00	160 00
1100	18 to 24 in.	2 90	25 00	220 00

HONEYSUCKLE (LONICERA)**Fragrantissima, Winter Honeysuckle.**

Fragrant flowers followed by red fruit. Semi-hardy.

750	12 to 18 in.	2 10	18 00	-----
1050	18 to 24 in.	2 90	25 00	-----
50	2 to 3 ft.	4 00	35 00	-----

grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

570	12 to 18 in.	2 10	18 00	160 00
500	18 to 24 in.	2 90	25 00	220 00
100	2 to 3 ft.	4 00	35 00	-----
500	3 to 4 ft.	5 00	45 00	400 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

1000	12 to 18 in.	2 10	18 00	160 00
900	18 to 24 in.	2 90	25 00	220 00
40	2 to 3 ft.	4 00	35 00	-----

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

1000	12 to 18 in.	2 10	18 00	160 00
2710	18 to 24 in.	2 90	25 00	220 00
200	2 to 3 ft.	4 00	35 00	-----
850	3 to 4 ft.	5 00	45 00	400 00
1000	4 to 5 ft.	5 50	50 00	450 00

Tatarian Red (tatarica rubra) April-May 10-12 ft.

We offer the improved strain (Zabeli), the true red Honeysuckle. Attractive dark green foliage; a splendid variety.

1400	12 to 18 in.	2 10	18 00	160 00
1200	18 to 24 in.	2 90	25 00	220 00
90	2 to 3 ft.	4 00	35 00	-----

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

410	12 to 18 in.	2 10	18 00	160 00
250	18 to 24 in.	2 90	25 00	220 00
720	2 to 3 ft.	4 00	35 00	300 00
550	3 to 4 ft.	5 00	45 00	400 00

HYDRANGEA**arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.**

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

3600	12 to 18 in.	2 90	25 00	220 00
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paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

1200	12 to 18 in.	2 90	25 00	220 00
1900	18 to 24 in.	4 00	35 00	320 00
4650	2 to 3 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—(Continued)

HYPERICUM aureum (St. John's Wort) July-August. 3-4 ft.

Stiff, dense habit; foliage bluish; flowers golden yellow. Prefers moist soil. Will endure part shade.

		Per 10	Per 100	Per 1000
1700	12 to 18 in.	\$ 2 50	\$ 22 00	\$200 00
300	18 to 24 in.	3 50	30 00	-----
40	2 to 3 ft.	4 50	40 00	-----

KOLKWTZIA amabilis, (Beauty Bush.) 4-6 ft.

A mass of arching sprays of pale pink, tubular flowers. Very hardy.

90	12 to 18 in.	3 50	30 00	-----
60	2 to 3 ft.	6 50	60 00	-----

LILAC (SYRINGA)

Common Purple (vulgaris) April-May. 12-15 ft.

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

460	18 to 24 in.	3 20	28 00	250 00
540	2 to 3 ft.	4 00	35 00	300 00
30	3 to 4 ft.	5 00	45 00	-----

Common White, (vulgaris alba.) 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

300	12 to 18 in.	2 90	25 00	-----
200	18 to 24 in.	4 50	40 00	-----

Persian Purple (persica) April-May. 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

250	12 to 18 in.	2 50	22 00	200 00
1000	18 to 24 in.	3 50	30 00	270 00
2500	2 to 3 ft.	4 50	40 00	350 00
2750	3 to 4 ft.	5 50	50 00	450 00

rothomagensis (chinensis) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

		Per 10	Per 100	Per 1000
560	12 to 18 in.	\$ 2 50	\$ 22 00	\$200 00
1400	18 to 24 in.	3 50	30 00	270 00
3160	2 to 3 ft.	4 50	40 00	350 00
3670	3 to 4 ft.	5 50	50 00	450 00

French. Named varieties. April-May. 8-15 ft.

		Per 10	Per 100	Per 1000
12 to 18 in.		\$4 00	\$35 00	-----
18 to 24 in.		5 50	50 00	-----
2 to 3 ft.		7 00	65 00	-----
d-Double	s-Single	12/18"	18/24"	2/3'
Adelaide Dunbar, d, violet-red.		25	60	20
Belle de Nancy, d, rose, white center.		---	180	290
Chas. X, s, reddish purple.		350	470	220
Congo, s, dark wine-red.		900	1200	1000
Edw. Andre, d, clear rose.		40	---	---
Hugo Koster, s, lilac tinged red.		40	20	---
Jean Mace, d, bluish-mauve.		40	190	10
Jules Simon, d, dark purplish blue.		90	60	---
Ludwig Spaeth, s, dark purple.		---	100	---
Marc. Micheli, d, lavender-blue.		30	100	30
Marie LeGraye, s, white.		50	350	50
Michel Buchner, d, pale lilac.		200	30	---
Mme. Casimir Perier, d, white.		---	90	280
Pres. Grevy, d, light blue.		60	40	70
Rhum Von Horstenstein, s, reddish purple.		100	10	---
Victor Lemoine, d, rosy pink.		250	80	---

ORNAMENTAL SHRUBS—(Continued)

PHILADELPHUS (MOCK ORANGE, SYRINGA)**Bouquet Blanc. May-June. 4-5 ft.**

Per 10 Per 100 Per 1000

Close-set branches of fragrant double white flowers; rich green foliage.

70 12 to 18 in. \$ 2 90 \$ 25 00 \$.-----

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old-fashioned sweet-scented Mock Orange; free-flowering and vigorous.

1400 12 to 18 in. 1 90 16 00 140 00

950 18 to 24 in. 2 60 22 00 200 00

PHILADELPHUS (MOCK ORANGE, SYRINGA)**grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.**

Large scentless white flowers in clusters; branches somewhat straggling.

1250 12 to 18 in. 1 90 16 00 140 00

1100 18 to 24 in. 2 60 22 00 200 00

250 2 to 3 ft. 3 50 30 00 -----

50 3 to 4 ft. 4 50 40 00 -----

Virginal. May-June. 7-8 ft.

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

600 12 to 18 in. 3 50 30 00 -----

770 18 to 24 in. 4 50 40 00 -----

120 2 to 3 ft. 5 50 50 00 -----

PHYSOCARPUS (NINEBARK)**opulifolius (Common Ninebark) May-June. 8-10 ft.**

A fine massing shrub; dark green foliage, creamy white flowers followed by attractive reddish seed pods. Does well in partial shade.

340 12 to 18 in. 2 10 18 00 160 00

650 18 to 24 in. 2 90 25 00 220 00

220 2 to 3 ft. 4 00 35 00 -----

60 3 to 4 ft. 5 00 45 00 -----

opulifolius aureus (Goldleaf Ninebark) May-June. 8-10 ft.

Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.

400 12 to 18 in. 2 10 18 00 -----

550 18 to 24 in. 3 20 28 00 -----

220 2 to 3 ft. 4 00 35 00 -----

170 3 to 4 ft. 5 00 45 00 -----

60 4 to 5 ft. 6 00 55 00 -----

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

3000 12 to 18 in. 2 10 18 00 140 00

1800 18 to 24 in. 2 90 25 00 200 00

350 2 to 3 ft. 4 00 35 00 300 00

170 3 to 4 ft. 5 00 45 00 -----

PRIVET (LIGUSTRUM)**Amur River North (amurense) June. 8-12 ft.**

Vigorous, upright growth; white flowers followed by black berries. Hardy.

18000 9 to 12 in. \$ 5 00 \$ 45 00

7000 12 to 18 in., 2 canes and up 7 00 60 00

8700 12 to 18 in., 3 " " " 8 00 70 00

1500 18 to 24 in., 2 " " " 8 00 70 00

5600 18 to 24 in., 3 " " " 10 00 90 00

2000 2 to 3 ft., 2 and 3 canes and up 10 00 90 00

7000 2 to 3 ft., 4 canes and up 14 00 120 00

5100 3 to 4 ft., 4 " " " 16 00 140 00

ORNAMENTAL SHRUBS—(Continued)

PRIVET (LIGUSTRUM)—(Continued)

Per 100 Per 1000

California (ovalifolium) June-July. 8-12 ft.

10000	18 to 24 in., 3 canes and up.....	\$ 8 00	\$ 75 00
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ibolium (Hardy California) June-July. 6-8 ft.

Very similar to, but much hardier than California Privet, not as evergreen.

600	12 to 18 in., 3 canes and up.....	5 60	50 00
6000	2 to 3 ft., 4 " " ".....	9 00	80 00
750	3 to 4 ft.....	12 00	100 00
2900	18 to 24 in., 3 " " ".....	7 00	60 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

RHUS (SUMAC)

Per 10 Per 100 Per 1000

Cut Leaf (typhina laciniata) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

3100	12 to 18 in.....	2 10	18 00	160 00
1600	18 to 24 in.....	3 00	25 00	220 00
1950	2 to 3 ft.....	4 00	35 00	300 00

Smooth (glabra) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

150	12 to 18 in.....	1 70	14 00	-----
30	18 to 24 in.....	2 50	22 00	-----
300	3 to 4 ft.....	4 50	40 00	-----

Staghorn (typhina) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rocky soil.

1400	12 to 18 in.....	1 90	16 00	-----
1300	18 to 24 in.....	2 50	22 00	200 00
2200	2 to 3 ft.....	3 20	28 00	250 00
390	3 to 4 ft.....	4 50	40 00	350 00

SNOWBALL (See Viburnum)

SPIREA

Anthony Waterer. June-September. 3-3½ ft.

Very dwarf; free-flowering. Produces flat rose-red flower heads.

1100	9 to 12 in.....	2 10	18 00	160 00
2750	12 to 15 in.....	2 90	25 00	220 00

arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

2300	12 to 18 in.....	2 10	18 00	160 00
2000	18 to 24 in.....	2 90	25 00	220 00
1500	2 to 3 ft.....	4 00	35 00	300 00
20	3 to 4 ft.....	5 00	45 00	-----

billiardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

4000	9 to 12 in.....	1 20	10 00	80 00
6400	12 to 18 in.....	1 60	14 00	125 00
4200	18 to 24 in.....	2 40	20 00	175 00
4600	2 to 3 ft.....	3 20	28 00	250 00
350	3 to 4 ft.....	4 00	35 00	300 00

bumalda superba. 3-5 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers.

300	12 to 18 in.....	2 10	18 00	160 00
310	18 to 24 in.....	2 90	25 00	220 00

ORNAMENTAL SHRUBS—(Continued)

SPIREA—(Continued)

froebeli (Froebel) May-June. 3-4 ft.

Per 10 Per 100 Per 1000

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.

1200	12 to 18 in.	\$ 2 10	\$ 18 00	\$160 00
1700	18 to 24 in.	2 90	25 00	220 00
1300	2 to 2½ ft.	3 50	30 00	270 00

thunbergi (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

1200	12 to 18 in.	2 10	18 00	160 00
1500	18 to 24 in.	2 90	25 00	220 00
1000	2 to 2½ ft.	3 50	30 00	270 00

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

7400	12 to 18 in.	1 40	12 00	100 00
3900	18 to 24 in.	1 90	16 00	140 00
2000	2 to 3 ft.	2 50	22 00	200 00

SYMPHORICARPOS (SNOWBERRY)

chenaulti (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

1700	12 to 18 in.	1 90	16 00	140 00
1700	18 to 24 in.	2 50	22 00	200 00
450	2 to 3 ft.	3 50	30 00	270 00
40	3 to 4 ft.	4 50	40 00	...

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

30	12 to 18 in.	1 70	14 00	-----
780	18 to 24 in.	2 10	18 00	160 00
650	2 to 3 ft.	2 90	25 00	220 00

vulgaris (Indian Currant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

3800	12 to 18 in.	1 70	14 00	120 00
2770	18 to 24 in.	2 10	18 00	160 00
6000	2 to 3 ft.	2 90	25 00	220 00
40	3 to 4 ft.	4 00	35 00	-----

TAMARIX

12 to 18 in.	1 60	14 00	125 00
18 to 24 in.	2 40	20 00	175 00
2 to 3 ft.	3 10	27 00	225 00
3 to 4 ft.	4 00	35 00	300 00

12/18" 18/24" 2/3' 3/4'

africana. May. 10-12 ft. Slender spreading branches, reddish-brown bark, pink flowers.

1100 2300 4500

amurensis (Amur Tamarix) August-September. 8-10 ft. Purple branches, graceful foliage. Thrives in dry soil

350 600 500 100

hispidia (Kashgar Tamarix) August-September. 12-15 ft. Slow, compact, upright growth; long panicles of bright pink flowers.

880 800 350 180

tetandra purpurea. May-June. 10-12 ft. Vigorous growth, bright green foliage, pink flowers. Very hardy.

1200 2000 3000 200

ORNAMENTAL SHRUBS—(Continued)

VIBURNUM

Per 10 Per 100 Per 1000

dentatum (Arrowwood) May. 10-12 ft.

A splendid massing shrub, beautiful glossy green foliage, greenish-white flowers; bluish-black berries. Withstands considerable shade.

20	12 to 18 in.	\$ 2 10	\$ 18 00	\$-----
20	18 to 24 in.	2 90	25 00	-----
70	2 to 3 ft.	4 00	35 00	-----

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

200	12 to 18 in.	2 90	25 00	-----
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opulus sterilis (Common Snowball) April-May. 10-12 ft.

Well known and justly popular. Flowers appear in numerous compact balls.

1000	9 to 12 in.	2 10	18 00	-----
1400	12 to 18 in.	3 20	28 00	250 00
700	18 to 24 in.	4 50	40 00	-----

VITEX macrophylla (Big-leaved Chaste Tree) July to frost. 5-6 ft.

Semi-dwarf flowers lavender-blue. Hardy.

250	12 to 18 in.	2 60	22 00	-----
300	18 to 24 in.	3 20	28 00	-----
1000	2 to 3 ft.	4 00	35 00	320 00
480	3 to 4 ft.	5 00	45 00	-----

WEIGELA (DIERVILLA)

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.

Attractive foliage clear ruby-red trumpet-shaped flowers over long season.

2850	12 to 18 in.	3 20	28 00	250 00
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rosea (Pink Weigela) May-June. 6-8 ft.

Erect, compact growth; fine rose-colored flowers. Used extensively.

2500	12 to 18 in.	2 10	18 00	160 00
1800	18 to 24 in.	2 90	25 00	220 00
300	2 to 3 ft.	4 00	35 00	300 00
700	3 to 4 ft.	5 00	45 00	400 00

Hendersoni. May-June. 6-8 ft.

One of the hardier varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.

80	12 to 18 in.	2 10	18 00	160 00
30	18 to 24 in.	2 90	25 00	-----
50	2 to 3 ft.	4 00	35 00	-----

Variegated (Variegated-leaf Weigela) May-June. 4-5 ft.

Dwarf, leaves margined creamy white; flowers pink. One of the most useful variegated shrubs.

750	12 to 18 in.	2 60	22 00	-----
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CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

Per 10 Per 100 Per 1000

engelmanni (Engelmann Creeper) 30-40 ft.

Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall. Blue-black fruit.

1400	2 year, Medium	-----	\$ 2 40	\$ 20 00	\$180 00
1300	2 " No. 1	-----	2 90	25 00	220 00

HONEYSUCKLE (LONICERA)

Gold Flame. May until Frost. 15-20 ft.

Flowers flame-coral, inside clear yellow, produced in clusters.

3500	2 year, Medium	-----	3 70	32 00	280 00
1500	2 " No. 1	-----	4 50	40 00	350 00

Hall's Japan (Japonica Halliana) July-October. 20-25 ft.

Fragrant, pure white flowers, changing to yellow; almost evergreen.

6500	2 year, Medium	-----	1 80	15 00	130 00
2200	2 " No. 1	-----	2 20	19 00	160 00

Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

4500	2 year, Medium	-----	2 40	20 00	180 00
3200	2 " No. 1	-----	2 90	25 00	220 00

Summer King (Heckrotti) May until Frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.

5100	2 year, Medium	-----	3 70	32 00	280 00
2000	2 " No. 1	-----	4 20	40 00	350 00

POLYGONUM auberti

(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.

A fast-growing, twining vine; light green leaves, fleecy white flowers.

1650	2 year, Medium	-----	2 90	25 00	-----
2800	2 " No. 1	-----	3 50	30 00	-----

WISTERIA

American (frutescens) June-July. 20-25 ft.

Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.

900	2 year, Medium	-----	2 40	20 00	170 00
650	2 " No. 1	-----	2 90	25 00	220 00

Chinese Blue (sinensis) May. 30-40 ft.

Long, attractive drooping clusters of pea-shaped flowers.

620	2 year, Medium	-----	2 40	20 00	180 00
30	2 " No. 1	-----	2 90	25 00	-----

Chinese White (sinensis alba) May. 30-40 ft.

White form of above.

600	2 year, Medium	-----	2 40	20 00	180 00
230	2 " No. 1	-----	2 90	25 00	-----

Multijuga Pink, Japanese Wisteria. May. 40-50 ft.

Beautiful pink flowers in long clusters.

130	2 year, Medium Grafts	-----	3 50	30 00	-----
390	2 " No. 1	-----	4 50	40 00	350 00

Multijuga White, Japanese White Wisteria. May. 30-40 ft.

Pure white flowers in long clusters. Vigorous, rampant grower.

20	2 year, Medium Grafts	-----	3 50	30 00	-----
160	2 " No. 1	-----	4 50	40 00	-----

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS)

thunbergi (Japanese Barberry)	Per 100	Per 1000
3400 9 to 12 in., 2 year seedlings, branched	\$ 5 00	\$ 45 00
2200 12 to 18 in., 2 and 3 year seedlings, branched	7 00	60 00
700 18 to 24 in., 2 and 3 year seedlings, branched	9 00	80 00

BUCKTHORN CATHARTICA, Rhamnus cathartica

2400 6 to 12 in.	3 00	25 00
1500 12 to 18 in.	4 00	35 00
1250 18 to 24 in., 2 year	5 60	50 00
1050 2 to 3 ft. " "	7 50	65 00
350 3 to 4 ft., " "	9 00	80 00

CARAGANA arborescens (Siberian Pea Tree)

250 6 to 12 in.	2 40	20 00
950 12 to 18 in.	3 20	28 00
250 18 to 24 in.	4 50	40 00

HONEYSUCKLE (Lonicera)

Tatarian—Pink, Red, White	9-12"	12-18"	18-24"
Pink	300	600	---
Red	100	700	500
White	100	1300	1500
	Per 100	Per 1000	
9 to 12 in.	\$ 7 00	\$ 60 00	
12 to 18 in.	8 50	75 00	
18 to 24 in.	12 00	100 00	
2 to 3 ft.	15 00	130 00	

MULBERRY (MORUS) Russian, tatarica

4500 6 to 12 in.	1 20	10 00
500 12 to 18 in.	1 90	16 00
500 18 to 24 in.	2 90	25 00
650 3 to 4 ft.	5 60	50 00

PRIVET See Ornamental Shrubs.**RUSSIAN OLIVE (Elaeagnus angustifolia)**

1700 6 to 12 in.	2 10	18 00
7000 12 to 18 in.	3 20	28 00
7100 18 to 24 in.	4 50	40 00
1700 2 to 3 ft.	6 50	60 00

SPIREA vanhoutte

2000 9 to 12 in.	5 60	50 00
1500 10 to 15 in.	7 00	60 00
1500 12 to 18 in.	8 50	75 00
250 18 to 24 in.	12 00	100 00

NOTE. HONEYSUCKLE Heckrottii makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices

EVERGREENS

(Balled and Burlaped)

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

All evergreens sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

Customers desiring the tops of Evergreens wrapped in burlap will be charged at cost for the extra labor and burlap used.

ABIES (FIR)

concolor (Silver) 70-80 ft.

Per 10 Per 100

Long, soft, grayish-blue needles. One of the finest evergreens of this type.

2 to 3 ft.	\$40 00	\$ -----
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douglasi (Douglas) (Pseudotsuga douglasi) 70-80 ft.

Bluish-green foliage. One of our most important Evergreen trees. Stands crowding well, considerable shade, and responds to trimming.

2 to 3 ft.	32 50	300 00
3 to 4 ft.	42 50	400 00
4 to 5 ft.	60 00	550 00
5 to 6 ft.	80 00	750 00

VARIETIES OF JUNIPER CHINENSIS

JUNIPERUS (JUNIPER)

chinensis (Chinese) 15-20 ft.

Sharp, prickly needles, light green with a slightly bluish cast. Will thrive anywhere except in heavy rich or poorly drained soil.

	Per 10	Per 100
2 to 2½ ft.	\$25 00	\$225 00
2½ to 3 ft.	32 50	300 00
3 to 3½ ft.	40 00	375 00
3½ to 4 ft.	47 50	450 00
4 to 5 ft.	60 00	575 00

chinensis pfitzeriana (Pfitzer Juniper) 6-8 ft. spread.

Per 10 Per 100

Dark gray-green foliage; graceful low, irregular spreading form. Remarkably adaptable to various conditions and soils. Very hardy.

SOLD OUT

chinensis pfitzeriana Kallay's Compacta (Compact Pfitzer Juniper)

Slower-growing and more compact than the common Pfitzer Juniper.

SOLD OUT

chinensis pyramidalis glauca (Blue Columnar Juniper) 15-20 ft.

Attractive glaucous blue color; sharp prickly leaves. Does well in hot dry locations, is also immune to severe cold.

2½ to 3 ft.	\$37 50	\$350 00
3 to 3½ ft.	42 50	400 00
3½ to 4 ft.	50 00	475 00
4 to 5 ft.	60 00	575 00
5 to 6 ft.	75 00	700 00

chinensis pyramidalis Green (Green Columnar Juniper) 15-20 ft.

The description of the blue form applies also to the green. However, the color is bright green with some foliage variations.

2½ to 3 ft.	37 50	350 00
3 to 3½ ft.	42 50	400 00
3½ to 4 ft.	50 00	475 00
4 to 5 ft.	60 00	575 00
5 to 6 ft.	75 00	700 00

EVERGREENS—(Continued)

VARIETIES OF MISCELLANEOUS JUNIPERS

communis hibernica (Irish Juniper) 6-8 ft.

Very symmetrical in outline; glaucous green foliage. A distinct and beautiful dwarf-growing tree.

	Per 10	Per 100
2 to 3 ft.	\$19 00	\$175 00
3 to 4 ft.	25 00	-----

VARIETIES OF JUNIPER VIRGINIANA

virginiana canaerti (Canaert's Red Cedar) 15-18 ft.

Soft, dark green foliage; the most popular of the many grafted varieties. Holds its color well throughout the year. Frequently produces silvery-blue berries.

2½ to 3 ft.	47 50	450 00
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virginiana keteleeri. 15-18 ft.

Medium-sized pyramidal tree of light green color, does not turn brown in winter. A fine disease-resistant, hardy variety.

2½ to 3 ft.	47 50	450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4 to 4½ ft.	70 00	675 00
4½ to 5 ft.	80 00	775 00
5 to 6 ft.	90 00	875 00

PICEA (SPRUCE)

excelsa (Norway Spruce) 60-70 ft.

A lofty, noble tree of open, pyramidal habit, dark green foliage.

2 to 3 ft.	19 50	175 00
3 to 4 ft.	30 00	275 00
4 to 5 ft.	40 00	375 00
5 to 6 ft.	45 00	425 00

glauca densata (Black Hill Spruce) 40-50 ft.

Usually symmetrical, compact and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardest Spruces.

2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	32 50	300 00
3½ to 4 ft.	37 50	350 00
4 to 5 ft.	47 50	450 00
5 to 6 ft.	57 50	550 00

pungens, (Colorado Green Spruce) 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

2 to 2½ ft.	27 50	250 00
2½ to 3 ft.	32 50	300 00
3 to 3½ ft.	40 00	375 00
3½ to 4 ft.	47 50	450 00

pungens glauca, (Colorado Blue Spruce) 60-80 ft.

Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.

2 to 2½ ft.	50 00	450 00
2½ to 3 ft.	65 00	600 00
3 to 3½ ft.	80 00	750 00
3½ to 4 ft.	90 00	850 00

ROSES

All our roses are grown by men who have had long years of experience in growing roses. The land on which they are grown is carefully selected for its ability to produce a very fibrous root system and strong vigorous tops.

The buds are placed low on the understock thus eliminating "shanky" bushes and are nipped at just the right time to produce the maximum number of low branched canes.

Throughout the growing season they are fertilized regularly. After every rain or once per week, whichever would be most frequent, they are thoroughly dusted.

By following this pattern we are able to hold the foliage on our roses throughout the summer. Consequently they continue to grow through the summer, storing up food for winter storage.

They are dug only when thoroughly dormant and are transferred directly to iced cars for shipment to Shenandoah where they are carefully graded and placed in our modern cold storage until you request shipment.

OUR ROSES ARE GUARANTEED TO PLEASE.

All roses are tied No. 1 and No. 1½, 10 per bundle No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	\$ 5 50	\$50 00	\$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

	No. 1	No. 1½	No. 2
Red Shades			
Ami Quinard , dark velvety crimson, almost black	2100	2000	300
Christopher Stone , alive with vivid scarlet, petals glowing with a velvety sheen.	500	550	500
E. G. Hill , great massive blooms of deep velvety maroon. ...	40	1000	800
Etoile de Hollande , dark velvety-red with fine fragrance. ...	120	70	490
Grenoble , long-stemmed beautifully shaped blooms of scarlet crimson.	680	1100	220
Gruss an Teplitz , medium sized, dark maroon blooms in clusters. Very hardy.	650	320	50
Margaret McGredy , full blooms of orange-scarlet.	200	320	160
McGredy's Scarlet , large brilliant scarlet shaded rose pink. ...	450	1000	260
Poinsettia , one of the most brilliant red roses ever produced, a good grower and a fine cut flower.	---	---	680
Red Talisman , Talisman sport. Bud long-pointed; flowers large, double, fragrant. Deep cerise-red blending into yellow shade at base.	2500	1950	240
Rouge Mallerin , large lasting velvety red, very double blooms. ...	420	1500	1700

Pink Shades

Betty Uprichard , salmon-pink stained with coppery red.	350	650	250
Briarcliff , handsome flowers of silvery rose-pink.	250	470	80
Editor McFarland , shapely buds and double, brilliant pink blooms.	2100	170	350

ROSES—(Continued)		No. 1	No. 1½	No. 2
TEA, HYBRID TEA AND EVERBLOOMING				
Picture , velvety clear rose-pink with under tones of salmon. Very double.				
		850	1270	550
Pink Dawn , perfectly formed, pink buds touched with salmon-rose.				
		1100	1600	330
Radiance , large brilliant rose pink.				
		---	200	40
The Doctor , long pointed buds, enormous blooms of silvery pink.				
		750	1700	550
Yellow Shades		No. 1	No. 1½	No. 2
Golden Charm , dainty pointed yellow blooms.				
		320	60	530
Golden Dawn , bud rich sunflower-yellow flushed old-rose. Double.				
		560	450	230
Golden Rapture , long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.				
		1300	570	60
Joanna Hill , double blooms of golden buff, yellow center. ...				
		---	850	1500
McGredy's Yellow , well formed flowers of bright butter-cup yellow.				
		100	1300	1000
Mrs. Pierre S. du Pont , bud reddish-gold. flower golden-yellow, lighter with age.				
		200	120	30
Soeur Therese , double rich yellow blooms; vigorous, upright, profuse.				
		800	970	800
Sunburst , rich yellow shaded coppery-orange.				
		70	270	80
Yellow Sastago , vigorous yellow sport of the popular bush variety.				
		2900	1700	500
Two-toned Shades				
Condessa de Sastago , petals are coppery-pink inside golden reverse.				
		2000	1000	---
Contrast , long-pointed bud opening to large double high- centered flowers of pink and bronze, reverse white and bronze, long stem. Vigorous and profuse.				
		4000	1200	300
Edith Nellie Perkins , delicate color blends of light cerise-pink and gold.				
		3400	700	120
Pres. H. Hoover , a glorious rose; cerise toned yellow, orange and scarlet.				
		2300	1680	300
Talisman , golden-yellow, stained coppery-red and orange-rose; a favorite variety.				
		4000	500	700
White Shades				
Caledonia , large double white; long buds opening to large, double flowers.				
		700	1600	---
K A Victoria , very popular, free-flowering, double pure white.				
		300	750	200
McGredy's Ivory , ivory white, perfectly shaped double; blooms; sweet-scented.				
		---	90	120
Mme. Jules Bouche , white with blush tints in center.				
		40	500	170
Snowbird , most prolific, pure white bedding rose. Full-petaled and perfectly formed.				
		400	350	80

All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. Temperature and humidity being automatically controlled.

ROSES—(Continued)**HYBRID PERPETUAL ROSES**

	Per 10	Per 100	Per 1000
No. 1	\$ 5 50	\$ 50 00	\$450 00
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00

	No. 1	No. 1½	No. 2
American Beauty , a very popular cerise-red variety.	---	280	60
Frau Karl Druschki , very popular large pure white.	220	140	60
General Jacqueminot , rich crimson-scarlet, very fragrant.	350	40	---
Paul Neyron , dwarf bushed; gigantic rosepink.	150	220	---

BABY ROSES—Dwarf Polyantha and Floribunda

	Per 10	Per 100	Per 1000
No. 1	\$ 5 50	\$ 50 00	\$450 00
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
	No. 1	No. 1½	No. 2
Baby Chateau , deep red blooms, one of the best of its type.	---	400	70
Cameo , shell pink and salmon with a glow of gold; blooms continuously.	250	230	60
Ellen Poulsen , splendid bright rose-pink flowers of large size.	70	160	70
Else Poulsen , lasting bright rose-pink flowers; semi-double.	400	570	250
Floradora , Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.	---	---	120
Golden Salmon Supreme , large clusters of striking reddish orange flowers; low growth.	---	100	70
Gruss an Aachen , large light flesh-pink and salmon-yellow. ..	200	500	240
Ideal , dark scarlet in immense compact clusters.	---	100	40
Lafayette Improved , large flowers of bright cherry crimson.	---	---	150
Poulsen's Yellow , bud copper, yellow flowers semi-double. ..	630	260	---

CLIMBERS AND RAMBLERS

American Pillar , large single flowers of crimson-pink. Large white center in tremendous clusters; hardy.	Per 10	Per 100	Per 1000
280 No. 1	\$ 4 50	\$40 00	\$-----
160 No. 1½	3 50	30 00	-----
Blaze —See patented roses for price and description.			
Climbing American Beauty , flowers rich red to crimson.			
250 No. 1	\$ 5 00	\$ 45 00	\$400 00
950 No. 1½	4 00	35 00	300 00
1000 No. 2	2 50	22 00	200 00
Crimson Rambler , scarlet crimson flowers in large clusters.			
350 No. 1	4 00	35 00	---
2500 No. 2	2 50	22 00	200 00

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ROSES—(Continued)

CLIMBERS AND RAMBLERS—(Continued)

		Per 10	Per 100	Per 1000
Dr. Van Fleet , large, flesh-pink flowers on long stem.				
500	No. 1½	\$ 4 00	\$35 00	\$300 00
1600	No. 2	2 90	25 00	220 00
Excelsa , intense scarlet, large clusters of small flowers.				
500	No. 1	3 20	28 00	250 00
5000	No. 2	1 90	16 00	140 00
Gardenia , creamy-yellow flowers in small sprays.				
300	No. 1	3 50	30 00	-----
100	No. 1½	2 50	22 00	-----
490	No. 2	1 90	16 00	140 00
New Dawn , fragrant blush pink flowers in clusters. Ever-blooming.				
100	No. 1½	5 00	45 00	-----
140	No. 2	4 00	35 00	-----
Paul's Scarlet , large, intense scarlet flowers borne in clusters; free flowering and hardy.				
700	No. 1½	4 00	35 00	300 00
4300	No. 2	2 50	22 00	200 00
Primrose , double canary-yellow flowers; hardy.				
200	No. 1	5 00	45 00	---
180	No. 1½	4 00	35 00	---
500	No. 2	2 50	22 00	200 00
Prosperity , Large clusters of pure white blooms on a strong, free-growing plant. Blooms first year.				
70	No. 1½	4 50	35 00	-----

RUGOSA, HYBRIDS AND MISCELLANEOUS

		Per 10	Per 100	Per 1000
Austrian Copper , single, intense coppery-red, reverse of petals golden yellow, hardy and vigorous.				
50	2 to 3 ft.	\$ 6 50	\$ 60 00	\$-----
50	18 to 24 in.	5 50	50 00	-----
Belle Poitevine , very large, magenta-pink flowers.				
260	2 to 3 ft.	5 00	45 00	400 00
750	18 to 24 in.	4 00	35 00	300 00
780	12 to 18 in.	2 90	25 00	220 00
F. J. Grootendorst , small bright red flowers in clusters.				
80	2 to 3 ft.	6 50	60 00	-----
200	12 to 18 in.	4 50	40 00	-----
Hansa , large, double reddish violet flowers; very hardy.				
80	2 to 3 ft.	5 00	45 00	-----
320	12 to 18 in.	2 90	25 00	-----
Harrison's Yellow , semi-double bright yellow; early.				
50	2 to 3 ft.	6 50	60 00	-----
220	12 to 18 in.	4 50	40 00	-----
Hugonis , early blooming shrub rose; pale yellow; hardy.				
1300	2 to 3 ft.	5 50	50 00	450 00
890	18 to 24 in.	4 50	40 00	350 00
580	12 to 18 in.	3 20	28 00	250 00
Rugosa Rubra , large single flowers of various shades of pink magenta, and rosy crimson, blooms early.				
190	12 to 18 in.	2 90	25 00	-----
Sir Thos. Lipton , snowy white flower freely produced.				
620	2 to 3 ft.	6 50	60 00	-----
240	18 to 24 in.	5 50	50 00	-----

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. 10 to 20 per variety at 10 rate; 20 to 250 per variety at 100 rate; 250 or more per variety at 1000 rate where published—PRICES ARE NET.

	HYBRID TEA	Per 10	Per 100	Per 1000
Crimson Glory , Patent No. 105. (Retails \$1.35 each; \$13.50 per doz.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.				
No. 1		\$ 7 50	\$ 65 00	\$
Diamond Jubilee , Patent No. 824. (Retails \$2.00 each; \$20.00 per doz.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.				
No. 1		11 00	100 00
No. 1½		8 80	80 00
Forty-Niner , Patent No. 792. (Retails \$2.00 each; \$20.00 per doz.) Brilliantly hued bi-color that justly secured an A.A.R.S. AWARD FOR 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.				
No. 1		11 00	100 00
No. 1½		8 80	80 00
New Yorker , Patent No. 823. (Retails \$2.00 each; \$20.00 per doz.) Perfectly formed buds; brilliant unfading red blooms, often measuring 5½ in. across. Delightful almost raspberry fragrance. Plants are very vigorous, hardy, and disease resistant. One of America's very best red roses.				
No. 1		11 00	100 00	850 00
No. 1½		8 80	80 00	680 00
Peace , Patent No. 591. (Retails \$2.00 each; \$20.00 per doz.) This rose is almost unbelievable. One marvel of it is the dawn-like range of colors through which it passes, from opening yellow buds, with edges picoted cerise, to the glorious 5 inch, alabaster blooms, each petal edged with pink that seems to deepen as the flower slowly opens. The shades of color vary, also from flower to flower and through the changing seasons. We find this one of the largest of all Hybrid Tea roses with fine rich green foliage and strong healthy canes. This rose has everything a tea rose could possibly have. A.A.R.S. award for 1946.				
No. 1		11 00	100 00

PATENTED ROSES—(Continued)

Sunset Glory, Patent No. 738. (Retailers \$1.50 each; \$15.00 per doz.) Buds are yellow suffused with pink opening to a golden yellow overlaid with dusty rose-pink. Flowers are very full and many petaled, 4 to 5 in. across. An improved McGredy's Sunset.

	Per 10	Per 100	Per 1000
No. 1	\$ 9 00	\$75 00	\$650 00
No. 1½	7 20	60 00	520 00

Taffeta, Patent No. 716. (Retailers \$1.50 each; \$15.00 per doz.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.

No. 1	9 00	75 00	650 00
No. 1½	7 20	60 00	520 00

Tallyho, Patent No. 828. (Retailers \$2.00 each; \$20.00 per doz.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-Red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.

No. 1	11 00	100 00	850 00
No. 1½	8 80	80 00	-----

PATENTED CLIMBERS

Cl. Crimson Glory, Patent No. 7236. (Retailers \$2.00 each; \$20.00 per doz.) Climbing form of the outstanding hybrids- tea, producing an abundance of perfectly formed crimson colored blooms.

	Per 10	Per 100	Per 1000
No. 1	\$11 00	\$100 00	\$-----

PATENTED FLORIBUNDA

Summer Snow, Patent No. 416. (Retailers \$1.25 each; \$12.50 per doz.) Low broad plants, splendid for foreground plantings in rose beds. Large clusters of buff-cream buds opening to clear white blooms 3½ inches across.

	Per 10	Per 100	Per 1000
No. 1	\$ 7 00	\$60 00	\$-----
No. 1½	5 60	52 00	-----

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HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer Field Grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

		Per 10	Per 100
ACHILLEA, Milfoil or Yarrow			
Ptarmica, The Pearl. Large double white. 18 in. June-July.		\$ 1 20	\$ 10 00
AQUILEGIA, Columbine. May-June.			
*coerulea (Rocky Mountain Blue Columbine) 2 ft.		1 20	10 00
Pink and Rose Shades, long spurred flowers. 2 ft.		1 20	10 00
ASTERS, HARDY—Starwart or Michaelmas Daisy. Sept.-Oct.			
Barrs Pink, a selected strain of compact bushy growth. Clear rose-pink flowers. 3-4 ft.		1 40	12 00
BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)			
CAMPANULA, Bellflower			
medium (Single canterburybells), large bell-shaped flowers.			
Blue, Rose and White, separate colors. June. 2 ft.		1 40	12 00

GARDEN CHRYSANTHEMUMS

Orders for Spring delivery will be filled with 1 year field grown dormant plants or well-furnished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES		Per 10	Per 100
Algonquin , a very hardy variety, with healthy foliage. Pure. bright yellow flowers; large and double. Early		\$ 1 80	\$ 15 00
Avalanche . Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.		1 80	15 00
Dahlia Flower , low growing branchy plants covered with bloom of a deep wine red.		1 80	15 00
Dean Kay Pink . Produces a great abundance of excellent rose-pink flowers in a profuse mass. Perfectly hardy. Grows 2 to 2½ ft.		1 80	15 00
Emmett , a very free-flowering single rosy-bronze; another splendid early variety. September 10th. 24 in.		1 40	12 00
Lorelei , a very good double, early yellow; large blooms produced on tall, strong plants. September 10th. 2 ft.		1 40	12 00
Pohatcong , a conservative pleasing shade of lavender-rose. Double flowers on dwarf, compact plants.		1 40	12 00
Welcome . Very early bloomer with bright mallow purple flowers on long stems.		1 80	15 00

PERENNIALS—(Continued)

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
Allegro. Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches. -----	\$ 1 80	\$ 15 00
Apricot Glow. Richly hued apricot bronze. The double blooms are 2½ inches in diameter borne in profusion. Cushion type plant. Late August. 18 inches. -----	2 10	18 00
Betty. An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches. -----	2 10	18 00
Charm Spoon. Blooms open to a lovely rhodonite-red and gradually fades to a rich dusty rose. Excellent habit of growth. Late September. 26 inches. -----	2 10	18 00
Chris Columbus. Double. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Late September. 26 inches. -----	2 10	18 00
Generalissimo. A very rugged, fully double flower of soft magnolia-purple. Early September. -----	2 90	25 00
Gold. Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches. -----	2 10	18 00
Gold Pagent. Masses of 3 inch double flowers of Gold with a darker shimmering sheen. Orange buds create a contrasting mass of harmonious beauty. Blooms early—September 25th. -----	2 10	18 00
Golden Memories. Brilliant golden yellow button in sprays with new buds in abundance. Start opening from August throughout the entire season. Large massive plant 28 inches across. -----	2 10	18 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches. -----	1 80	15 00
Oriental Glory. Large double blooms of brilliant oriental red. A good variety for cutting. -----	2 10	18 00
Pink Surprise. Great mass of giant double 4½ inch brilliant pink blooms. Best early pink—September 15th. A leader in its color. -----	2 10	18 00
September Dawn. Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks. -----	2 10	18 00
Sunbeam. A very fine golden yellow. Responds well when disbudded. Fine for cut flowers. -----	2 10	18 00

UNIVERSITY OF MINNESOTA INTRODUCTIONS

Glacier. Pure glistening white, full double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches. -----	2 10	18 00
Red Gold. Double. Blooms are a lively combination of red and golden orange. Probably the 'gaudiest of all Pom-Poms. Late August. 20 in. -----	2 10	18 00

PERENNIALS—(Continued)

UNIVERSITY OF CHICAGO INTRODUCTIONS

	Per 10	Per 100
Violet. The newest University of Minnesota purple introduction. Full double, dahlia like blooms of good color cover entire plant. Late August. 20 inches. -----	\$ 2 10	\$ 18 00
Autumnsong. Large double blooms of wine rose shading to carmine. An entirely new color in mums. One of the most outstanding Chicago introductions. Early September. 20 inches. -----	2 10	18 00
Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches. -----	2 10	18 00
Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with healthy green foliage. Late September. -----	2 10	18 00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches. -----	2 10	18 00
Glowing Coals. Double blooms of deep cherry-red with orange reverse. Well branched plants. One of the best early reds. Mid September. 24 inches. -----	2 10	18 00
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches. -----	2 10	18 00
Meditation. Full double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches.	2 90	25 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches.	2 10	18 00
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches. -----	2 10	18 00

NEW HARDY ENGLISH CHRYSANTHEMUMS

Adoration. Large spreading double blooms. Pink on a cream background. Easy to disbud. Plants will carry 6 to 8 blooms 5 to 6 inches in diameter. Fine for cutting. Late September. 36 inches. -----	3 50	30 00
Bronze Buttercup. Double blooms are rich deep bronze with golden buff reverse. Buds are produced profusely. Should be disbudded for best results. Late September. 30 inches. -----	2 40	20 00
Indiana. Double blooms of rich velvety crimson shaded darker at the center borne on long stems. Good disbudded or in sprays. Late September. 24 inches.	2 40	20 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when disbudded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches. -----	2 40	20 00

PERENNIALS—(Continued)

NEW HARDY ENGLISH CHRYSANTHEMUMS—(Continued)

	Per 10	Per 100
Orange Glow. Orange-bronze flowers with gold reverse. Blooms profusely on good stems. Disbudding not necessary. Double. Mid September. 26 inches.	\$ 2 90	\$ 25 00
Rose Princess. A very striking flower of salmon-rose, base flushed with gold. Double blooms on strong stiff stems. Late September. 24 inches.	2 40	20 00
Vulcan. Large brilliant crimson well shaped flowers are produced profusely. The best of the English reds. Mid September. 26 inches.	2 40	20 00

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Pink Cushion, masses of light pink flowers in broad mounds.	\$ 1 80	\$ 15 00
Purple Cushion. A brilliant royal purple. A new very showy cushion type mum.	2 10	18 00
Red Cushion, a splendid improved early crimson red variety.	1 80	15 00
White Cushion, a select strain, double white flowers.	1 80	15 00

HARDY CARNATION—See *Dianthus Grenadin Caryophyllus*

	Per 10	Per 100
COREOPSIS, Tickseed		
Mayfield Giant, large yellow flowers on firm, strong stems.	\$ 1 20	\$ 10 00

DAISY SHASTA, *Chrysanthemum Maximum*

Alaska Supreme, shapely plants, large flowers. June-July. ..	1 20	10 00
Elder Improved, large white, usually in bloom for Decoration Day. 2 ft.	1 20	10 00

DELPHINIUM, Larkspur

La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4-5 ft.	1 20	10 00
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*DIANTHUS

barbatus, Old-Fashioned Sweet Williams. May-June.		
atrococcineus flore pleno, deep intense scarlet; double-flowering. Blooms all summer. 12 in.	1 20	10 00
Sutton's Strain of Giant White, and Rich Crimson. Separate colors. 15 in.	1 20	10 00
plumarius semperflorens Fl. Pl., single and double pinks. 15 in.	1 40	12 00
Species:		
latifolius Silver Mine, white flowers. Prolific bloomer. 8 to 10 in.	1 40	12 00

DIANTHUS GRENADIN CARYOPHYLLUS

(HARDY CARNATION)

	Per 10	Per 100
This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.		
Rose Queen Triumph. Deep Delicate Pink.	\$1 80	\$ 15 00
Scarlet—Rich Scarlet. Extra Large Flowering.	1 80	15 00
White.	1 80	15 00

PERENNIALS—(Continued)

		Per 10	Per 100	Per 1000
DIELYTRA, (DICENTRA) Bleeding Heart				
* eximia , Fern-leaved Bleeding Heart. A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.				
		\$ 2 10	\$ 18 00	\$160 00
*FUNKIA, plaitain Lily				
lancifolia , green foliage, lilac flowers. July-Aug. 18 in.				
		1 80	15 00	130 00
* variegata , green and white foliage, blue flowers. July. 12 in.				
		2 10	18 00	160 00
GAILLARDIA, Blanket Flower. June until frost.				
Burgundy , rich wine-red; excellent for cutting. 1½-2 ft.				
		1 40	12 00	100 00
Dazzler , large golden and maroon flowers, strong stems. 1½ ft.				
		1 40	12 00	100 00
Sunset , large flowers are pure yellow with red center 1 40 12 00 100 00				
GYPSOPHILA, Baby's Breath				
			Per 10	Per 100
paniculata compacta , a symmetrical mass of minute white flowers during August and September. 2 ft.		\$ 1 20		\$ 10 00
HEMEROCALLIS, Day Lily				
Bay State . Fine large blooms with fluted petals of clear yellow. Perfectly formed flowers. A heavy and persistent bloomer. July and August. 36 inches.				
		1 80		15 00
Dawn . A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches.				
		3 50		30 00
flava , clear lemon yellow, sweet scented, profuse. June. 2½ ft.				
		1 40		12 00
Florham , large trumpet-shaped golden yellow flowers. June. 1 80 15 00				
Hyperion . Exceptionally large blooms, seven inches, of a soft canary yellow. Fine form and substance. Very fragrant. Considered by many the finest Hemerocallis ever introduced. June-July. 3½ feet.				
		4 00		35 00
Kwanso Fl. Pl. , a double-flowering variety; rich golden bronze. July-August. 4 ft.				
		1 80		15 00
Margaret Perry , brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.				
		1 80		15 00
Mrs. H. Wyman perfect, well rounded flowers of pure gold. July-August. 4 ft.				
		1 80		15 00
Thunbergi much like flava but flowers one month later. July. 2½ ft.				
		1 20		10 00
*HIBISCUS, Rose Mallow				
Giant Flowering Mixed . August-September. 4-5 ft.				
		1 40		12 00
HOLLYHOCKS, Althea Rosea				
Double Separate Colors, Blood Red, Lilac Beauty, Newport Pink, White, and Yellow . July. 4 ft.				
		1 40		12 00
LATHYRUS, Everlasting Sweet Pea				
latifolius , a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.				
		1 40		12 00
*LINUM, Flax				
perenne , bright blue flowers, upright growth.				
		1 20		10 00
MYOSOTIS, Forget-me-not				
* Palustris Semperflorens , rich blue flower, yellow eye. Blooms all summer. 8 in.				
		1 20		10 00

PERENNIALS—(Continued)

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted are vigorous and well developed.

	Per 10	Per 100
Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 in.	\$ 2 10	\$ 18 00
American Beauty. A beautiful deep rose-pink. All that the name implies.	2 10	18 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	2 10	18 00
Apollo Red. Deep rose-red.	2 10	18 00
Graff Zeppelin. Ivory white flowers with vermillion red eyes. Of average height. Free flowering.	2 10	18 00
Harvest Fire, large, salmon-orange trusses made up of large florets.	2 10	18 00
Jules Sandeau, rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 80	15 00
Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	2 10	18 00
Mary Louise, the individual flowers are twice as large as other white Phlox; unquestionably the best white to date.	1 80	15 00
Moonlight Dream. Large rich creamy white trusses. Medium grower.	2 40	20 00
Morgenrood, large individual florets in big heads of bright rose with deeper eye. Excellent grower; strong stems. ..	1 80	15 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	2 40	20 00
Prime Minister, pure white with distinct crimson eye.	1 80	15 00
Purple Sweetheart. Large reddish purple florets with darker eye. One of the best purples.	2 10	18 00
Rheinlander, salmon pink with carmine eye.	2 10	18 00
Rijnstroom, clear rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.	1 80	15 00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.	1 80	15 00
Ruby Lee. Extra large plum-red flowers. Medium height. ..	2 40	20 00
Salmon Beauty, one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox.	2 10	18 00
Salmon Glow. Beautiful, large flame pink flowers with salmon flush.	2 10	18 00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.	1 80	15 00
Starlight, large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand.	2 10	18 00
Thor, deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering.	1 80	15 00

PERENNIALS—(Continued)**PHLOX, subulata, Moss or Mountain Pinks**

	Per 10	Per 100	Per 1000
alba , pure white flowers cover the plant in May.	\$ 1 40	\$ 12 00	\$100 00
atropurpurea , the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in.	1 40	12 00	100 00
Blue Emerald Cushion . New blue, with mats of lovely emerald-green foliage.	2 10	18 00	160 00
Emerald Cushion . A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 10	18 00	160 00
lilancina . a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in.	1 40	12 00	100 00
rosea , rose-pink; thrives in hot, dry situations; a fine bank cover.	1 40	12 00	...
Samson , rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00	100 00
Vivid , vivid-rose-pink, darker eye. Very choice; free flowering.	1 40	12 00	...

PLATYCODON, Balloon Flower. June and July. 18 in. grandiflorum, blue.

1 40 12 00

PYRETHRUM, Painted Daisy. May-June. 18 in.

atrosanguinea , deep rose-red, single flowers.	1 40	12 00	100 00
hybridum roseum , soft pink and rose shades, single.	1 40	12 00	100 00

SALVIA (Sage)

Edible, especially valuable for seasoning. 2 ft. 1 20 10 00

***SEDUM, Stonecrop**

Per 10 Per 100

Acre, (Golden Moss) green foliage, yellow flowers. July. 4 in.	\$ 1 40	\$ 12 00
Spectabilis Brilliant , light green foliage, broad heads of rich rose-red flowers. August-September. 15 in.	1 40	12 00

VERONICA, Speedwell

Amethystina, (Royal Blue) . Beautiful spikes of rich gentian blue flowers in June and July. 10 to 15 inches. Excellent for rock garden or border.	1 80	15 00
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LILIUM, Domestic Grown

regale , flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.	90	7 00
tenuifolium (Carol L) Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.	1 00	8 00
2 to 3 in.	1 20	10 00
3 to 4 in.	1 40	12 00
4 to 5 in.		
tigrinum , the well-known old-fashioned lily; bright orange, thickly covered with purple spots.	1 40	12 00
Single 4 to 6 in.	1 80	15 00
Single 6 to 8 in.		

LILY-OF-THE-VALLEY (Convallaria majalis)

Very fragrant pure white, bell-shaped flowers for shaded locations.

Pips	40	3 50
Clumps (10 pips each)	2 90	25 00

PEONIES

We are growing the best of the old and many of the recent introductions of exceptionally outstanding merit.

The roots offered are strong 3-to-5 eye divisions, true to name, from healthy three-year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

	Per 10	Per 100
Albert Crousse , 8.6. Very fresh salmon-pink. Delicate color. Large, compact, bomb shape; fragrant, erect. Late.	\$ 4 00	\$ 35 00
Anna Sass , 9.0. Very beautiful light pink toned orchid. Blooms profusely on tall, strong stems. Late midseason.	6 00	50 00
Avalanche (Crousse 1886) 8.7 Milk white, carmine markings. Late midseason.	4 00	35 00
Couronne d'Or (Calot 1873) 8.1 White with golden stamens. Midseason.	4 00	35 00
David Harum (Brand) 8.4. Soft Tyrain rose without stamens. Midseason.	5 00	45 00
Duchess de Nemours (Calot 1856) 8.1. Pure white, always a good bloomer. Early.	4 00	35 00
Eduis Superba (Lemoine 1903) 7.6 Deep pink. Very early.	3 50	30 00
E. G. Hill (Lemoine 1903) 7.8. Semi-rose type. Rich rose-red with silvery border. Early midseason.	5 00	45 00
Ella Christiansen (Brand 1925) 9.0. Exceedingly large flowers of a distinct delicate pink; blooms profusely. Midseason.	12 50	-----
Felix Crousse (Crousse 1881) 8.4. Bright ruby red. Midseason. ..	4 20	38 00
Festiva Maxima (Mieliez 1851) 9.3. White, center crimson-flecked. Early.	4 50	40 00
Frances Willard (Brand 1907) 9.1. Exquisite blush-white with occasional carmine touch. Midseason.	4 50	-----
Francois Ortegat (Parmentier's 1850) 8.7. Purplish crimson. Midseason.	2 90	25 00
Grover Cleveland (Terry 1904) 8.2. Rose type. Very large, full dark crimson blooms. Strong grower. Late midseason.	4 00	35 00
Hazel Kinney (Brand 1925) 9.0. Rose type. Clear delicate pink flowers of superb form; blooms profusely. Late midseason.	7 50	65 00
Karl Rosenfield (Rosenfield 1890) 8.8. Brilliant dark crimson. Midseason.	4 00	35 00
Kelway's Queen (Kelway 1909) 8.8. Rose type. A delicate and lovely flesh pink shade of great substance. Very fragrant. Late.	\$ 9 00	\$ 80 00
King Albert (Kelway 1915) Single enormous flowers. Rosy-pink. Midseason.	4 00	-----
Lady Kate (Vories) 8.8. One of the very best late blooming deep pink peonies. Graceful rose-type flowers on tall strong stems.	8 50	75 00
LaFee (Lemoine 1906) 9.2. Crown type. Very large, globular flowers of creamy white, guards mauve-rose. Early ..	4 50	40 00
LaPerle (Crousse 1885) Soft pink shading to pure white. Midseason.	3 50	-----

PEONIES—(Continued)

		Per 10	Per 100
LaRosiere (Crousse 1888) 8.3. Creamy white with prominent stamens. Midseason.		\$ 4 50	\$ 40 00
Livingstone (Crousse 1879) 8.1. Very full bloom, pale lilac, rose. Late midseason.		3 50	30 00
Marie Jacquin (Verdier) 8.3. Glossy rosy white with rose tinged buds; golden yellow stamens. Midseason.		5 00	45 00
Martha Bulloch (Brand 1907) 9.1. Rose type. Mammoth cup-shaped blooms. Deep rose pink with center shading to silvery shell-pink in the outer petals. Late.		8 50	75 00
Mary Brand (Brand 1907) 8.7. Deep red of great brilliancy, often considered the best red Peony. Midseason.		5 00	45 00
Mikado (Barr 1893) 8.6. The guards are velvety crimson enclosing a cushion of crimson petaloids edged gold.		5 00	45 00
Milton Hill , 9.0. Late. Large shell-pink flowers with salmon shadings. One of the best pinks.		4 50
Mme. de Verneville (Crousse 1885) 7.9. Pure White, center crimson flecked. Early.		4 00	35 00
Mrs. Dean Funk (Brand) Large Walter Faxon pink flowers peculiarly beautiful in formation. A magnificent new variety. Late.	10 00	
Mrs. Frank Beach (Brand 1925) 9.0. Ivory white. A very large flat, perfect rose-type flower. Sweetly fragrant. Late midseason.		5 00	45 00
Mrs. J. M. Kleitsch (Brand 1925) 9.0. A violet-rose with distinct lavender cast; a wonderful flower of great substance. Very late.		7 50
Philomele (Calot 1861) 7.7. Guard petals bright violet rose, anemone center on narrow creamy yellow petals. Midseason.		4 00	35 00
Phoebe Carey (Brand 1907). 8.8. Rose-pink with center slightly deeper in shade. Fragrant. Tall and late.		9 00	75 00
Rachel , 7.9. Rose type, large double flowers, brightest garnet, shaded richest ruby-red. Mid-season.		4 00	35 00
Richard Carvel (Brand 1918) 8.8. Flowers bright, all one shade of crimson. Guard petals large, broad and prominent. Center petals make immense dome. Early.		7 00	60 00
Sarah Bernhardt (Lemoine 1806) 9.0. Flowers of remarkable size in clusters full and double; apple-blossom pink with each petal silver-tipped. Late.		4 50	40 00
Tourangelle (Dessert 1910) 9.4. Rose type. A vigorous grower, pearly white overlaid with delicate salmon and rose. Late midseason.		4 50	40 00
Walter Faxon (Richardson 1904) 9.3. Uniform bright pink, deepening toward center; delicate and distinct color; very fine. Midseason.		5 50	50 00

PEONIES—BY COLOR

	Per 10	Per 100	Per 1000
Pink, unnamed	\$ 3 00	\$ 25 00	\$
Red, unnamed	3 00	25 00

NURSERYMEN'S SUPPLIES

BOXING CHARGES

30x30x10	-----	\$6.00	24x24x6	-----	\$3.75
30x30x8	-----	5.25	20x20x10	-----	4.25
30x30x6	-----	4.50	20x20x8	-----	3.75
30x30x5	-----	3.75	20x20x5	-----	3.00
30x30x4	-----	3.25	18x18x10	-----	4.25
24x24x10	-----	5.25	16x16x10	-----	3.50
24x24x8	-----	4.75	12x12x10	-----	3.00

CORRUGATED BOXES

60x16x16	-----	\$1.15	24x15x15	-----	\$.60
48x20x20	-----	1.00	24x12x12	-----	.45
48x16x16	-----	.85	24x8x8	-----	.35
36x15x15	-----	.60	22x15x22	-----	.65
36x10x12	-----	.75	22x12x12	-----	.50
28x8x8	-----	.35	15x12x10	-----	.35

Bales will be charged at actual cost of the material and labor.

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